

## BLOOD PRESSURE MONITORING (0441)

1. Unstow BP Recorder Assembly
2. Replace Batt
3. RECORDER PWR - ON
4. Depress recessed RESET button on rear panel, (use pen)
5. Record MET
6. RECORDER SAMPLE TIME - 3.5 min
7. Remove shirt
8. Rub electrode sites with tissue
9. Remove protective tape from electrodes
10. Attach electrodes:
  - Red Lead - left lower chest
  - Green Lead - mid lower chest
  - White Lead - right lower chest
11. Remove protective tape from transducer
12. Attach transducer to inner surface of arm 3" above elbow over brachial artery
13. Wrap BP cuff around arm and transducer
14. Route leads, replace shirt
15. Plug in EKG, transducer cable and BP cuff hose
16. Attach recorder to belt, fasten around waist
17. Press MANUAL-RECYCLE pb, collect two recording cycles
18. Verify system operating correctly

### NOTE

To abort a cycle or initiate a new cycle, press MANUAL RECYCLE pb

19. When unit is removed:  
RECORDER SAMPLE TIME - STBY

CAUTION  
Do not turn power off

## VISUAL PERF TEST

### NOTE

Perform all tests in series without interruption. Verbally record name, MET, cabin pressure and vision data on Microcassette Recorder

### TEST 1 - Critical Fusion Frequency

- 1 TEST SELECTOR DIAL - #1
- 2 Place one finger of each hand on UP and DOWN switches
- 3 Hold VFT-1 to eyes, press face into headrest
- 4 Green disc in upper left, small lights on left, right FOV
- 5 Press UP (rt) pb until green disc flickering disappears
- 6 Remove VFT-1 from eyes
- 7 On numerical display, press FREQ (Hz) pb
- 8 Record number on display, release FREQ (Hz) pb
- 9 Press DOWN pb for 5 sec to reset
- 10 Repeat steps 2 through 9 for total of 5 times
- 11 Repeat steps 2 through 9 while looking at lower-right small light for total of 5 times

### TEST 2 - Stereopsis

- 1 TEST SELECTOR DIAL - #2
- 2 Look in upper left corner, record LR (\), RL (/), or X
- 3 Starting at upper left corner (reading from left to right, top to bottom), record letter and number of dot appearing closest in group of four

### TEST 3 - Resolution Acuity

- 1 TEST SELECTOR DIAL - #3

- 2 Looking at top (reading from left to right, top to bottom), record row number and orientation of each E
- 3 Looking to the right of the E's, record number at which lines blur or run together

#### TEST 4 - Resolution Acuity A

- 1 TEST SELECTOR DIAL - #4
- 2 Starting at top row (reading from left to right, top to bottom), record row number and orientation of each E

#### TEST 5 - Torsional Phoria

- 1 TEST SELECTOR DIAL - #5
- 2 Record number at which arrow points on the circular scale

#### TEST 6 - Resolution Acuity B

- 1 TEST SELECTOR DIAL - #6
- 2 Starting at top row (reading left to right, top to bottom), record row number, orientation of each E
- 3 Looking to the right of E's, record number at which lines blur or run together

#### TEST 7 - Eye Dominance

- 1 TEST SELECTOR DIAL - #7
- 2 Keeping both eyes open, record predominant orientation (\\ left, /// right) as it occurs for 20 sec

#### TEST 8 - Lateral Phorias

- 1 TEST SELECTOR DIAL - #8
- 2 Place finger on FREQ (Hz) pb
- 3 Look into device at center of pattern (position H4)
- 4 Press FREQ (Hz) pb, release and record coordinate at which bright dot appears/disappears

5 TEST SELECTOR DIAL - 0